

R.SANTHOSH KUMAR

OBJECTIVE

To work in an organisation and explore new things in the industry to develop industrial and my individual growth.

EDUCATIONAL QUALIFICATION

COURSE	INSTITUTION	MARKS
B.E. Mechatronics	Sri Krishna College of Engineering and Technology	7.40
HSC	Maharishi International Residential School	60.1% (CBSE)
SSLC	Maharishi International Residential School	7.6 (CBSE)

Technical skills

Drafting Tool :- AutoCAD (2D) (Intermediate Level)

Designing Tool:

- Solid works (Modeling, Surface, Sheet metal, Drafting, Weldment, Molding (Core cavity Splitting), Animation, Real-time Rendering. (Intermediate Level)
 - Creo 2.0 (Modeling, Drafting)
 - CATIA V5 (Modeling, Surfacing, Sheet metal design, Drafting)
 - CAE: - **ANSYS 15.0** (Design Module, Meshing, Structural & Thermal Analysis, Vibration Analysis (Modular, Harmonic Analysis) Buckling Analysis)
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WORK EXPERIENCE

Worked in Srushti Automation, In Design department,
To design special pupose machine as per a customer
Need and demand.
My Role is to design 3D sub assembly parts and assemble it.

PROJECTS

- **Delta bot(Mini project)**

DESCRIPTION: This project ,is done to pick and place the ball using delta bot,and arduino programming.Using servo motor we achieved high speed ,high accuracy.

- **6-axis robot (Mini project)**

DESCRIPTION: The purpose of this project is to lift the 23kg load using gripper where all the robot parts are made up of truss structure to withstand with the load. In order to obey laws of Robotics we implemented DEATH COLLISION in this robot.

- **Autofeed in Drilling machine.(MAIN PROJECT)**

DESCRIPTION: In order to increase the production in machining field we implemented automatic drilling handle to apply load while drilling using PLC. For Design we used creo.

INDUSTRIAL

EXPOSURE

Implant training-TITAN(Hosur) &SUNDARAM
FASTENERS(Chennai)
Internship-JANDIA ENGINEERING group of FEIN
tools

PERSONAL
DETAILS:

- Languages Known : Tamil, English,

My Strength

- Hard Working, Sincere and Committed towards work
- Flexible to work in any environment.
- Can work independently as well as with team in efficient way.

Father name: G.Ravichandran

Mother name:R.Banumathi

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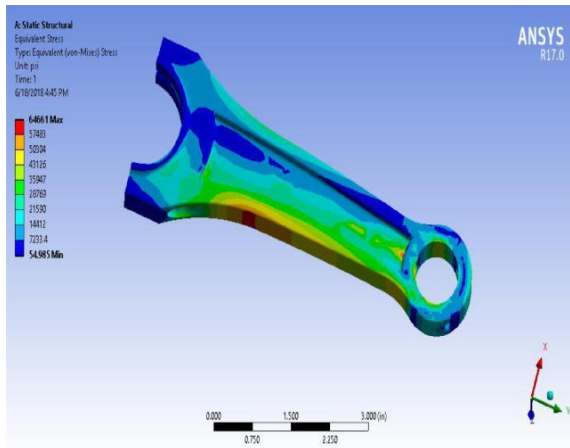
I,R.SANTHOSH KUMAR hereby declare that all the information furnished above are true to the fullest of my knowledge.

Place:Hosur

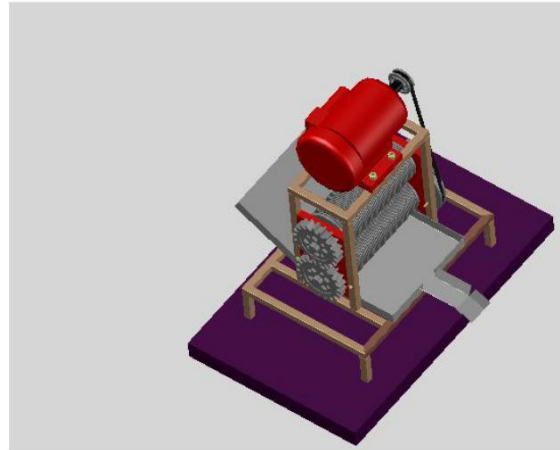
(santhosh kumar.R)

Date :

Few of my project samples



Connecting rod load analysis using
ansys



Sugar cane juice machine